

THIRD ANNUAL REPORT
OF THE
WATFORD AND DISTRICT
ISOLATION HOSPITAL.

1896.

ROBERT A. ST. LEGER, M.B.,

Medical Superintendent.

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PEACOCK, PRINTER, QUEEN STREET.

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TO THE CHAIRMAN AND MEMBERS OF THE JOINT ISOLATION HOSPITAL COMMITTEE.

GENTLEMEN,

I have the honour to submit to you my report for the year 1896.

The year has been a memorable one, for it has witnessed the completion of your new Hospital, erected at a cost of £13,000, on a site generously given by LORD ESSEX.

The opening ceremony, performed by LADY ESSEX, took place on March 24th.

The patients were moved in on April 4th, except one who, owing to tracheotomy having to be performed in the morning of that day, had to remain at Holywell until April 11th. The Hospital was built by the Rural Sanitary Authority; but it is with great satisfaction I record the fact that at the eleventh hour it was decided to manage it by a joint Committee elected by the Urban and Rural Authorities—an arrangement most beneficial to both parties. The Buildings, which were designed by Mr. C. P. AYRES, of Watford, are built on the latest and most approved Sanitary principles.

The accommodation for Patients consists of four blocks, containing 10 wards, altogether holding 42 beds.

The cubic capacity per bed is upwards of 2,000 cubic feet, with a wall space of 12 feet, and a floor space of 156 square feet.

The proportion of window space to wall space is 1 in 70.

The ventilation is by means of Boyle's ventilators in the roof, air inlets in the wall below the beds, and Hinches-Bird's arrangement for all windows with hopper-light above.

The floors are oak blocks set on concrete.

Warming is by open stoves in centre of wards, provided with inlets for fresh air—thus warming the air in transit, and Shorland's fireplaces.

The Outbuildings include two Discharging Blocks, Laundry, Stable, Porter's Lodge, Mortuary, Disinfecting Station (Washington Lyons Steam Disinfector), &c., &c.

Since the opening ceremony an immense amount of work has been done, not only in the treatment of patients, but more especially in arranging the staff, drawing up rules, etc., and all the little details, upon which depends so largely the efficiency and conduct of the Institution. In these matters I cannot but record the unselfish labour and practical zeal of your matron, Miss Davidson.

OLD BUILDINGS.

HOLYWELL.

This building has now been placed under the charge of a caretaker, and will be kept in repair to use in the event of an outbreak of small-pox, it not being desirable to isolate this disease on the same site or within the same walls as other illness.

DENTON'S HOSPITAL.

The shrubs, trees, etc., have been removed from this site, half being sent to the Watford-fields recreation ground, and the remainder to the new Hospital. The buildings themselves will shortly be taken down and re-erected within the new hospital grounds, with a view to their use as an overflow ward should the present accommodation at any time be insufficient.

NEW HOSPITAL BUILDINGS.

ADMINISTRATIVE BLOCK.

Very great economy has been exercised in the furnishing of this. Seeing that it is the home of your staff economy should be tempered with liberality. I trust that in the coming year you may see your way to provide a few more comfortable chairs and also some means of recreation for the nurses when off duty.

WARDS.

No provision in building these was made for the storage of coal. This is a matter which requires your attention, as the present arrangements are not satisfactory.

WAITING ROOM FOR PATIENTS' FRIENDS.

No such room, which is badly required, has been provided. It should be built just within the gates, adjoining the porter's lodge.

LAUNDRY.

The complete furnishing of this was, at my suggestion, deferred until the practical working of the hospital would demonstrate what was required. I find that it will be necessary to provide some power to work the wash-house machinery.

SEWERAGE.

In certain portions of their course the present drains are not satisfactory and require attention. The sewerage, which is received into a tank at the bottom of the grounds, is from these pumped on to the sewage farm. Gas is the agent employed.

GARDEN.

A good orchard and kitchen garden is being laid out. So far, $6\frac{1}{2}$ dozen fruit trees have been planted.

It is purposed putting down a good stock of raspberry canes, etc.

This outlay will, I am confident, in the long run, cause a great saving in household expenditure.

POULTRY.

A good poultry run has been erected, and a plentiful supply, not only of eggs, but also of poultry for the table, has been maintained throughout the year.

Subjoined is a tabular statement of account which will shew you how economically it is conducted.

FOWL ACCOUNT.

| DR. | | CAPITAL ACCOUNT. | | CR. | |
|---|-----------------|--------------------|-----------|-----------------|---------|
| | £ s. d. | | £ s. d. | | £ s. d. |
| Jan., 1896. | | By 30 fowls at 2/6 | .. | 3 15 0 | |
| To 16 fowls at 2/6 | .. 2 0 0 | | | | |
| June, 1896. | | | | | |
| To 14 fowls at 2/6 | .. 1 15 0 | | | | |
| | <u>£3 15 0</u> | | | <u>£3 15 0</u> | |
| | £ s. d. | | £ s. d. | | £ s. d. |
| To Capital | 3 15 0 | By 347 eggs at 1d. | .. 1 8 11 | | |
| „ Interest on £2 at 5 ⁰ / ₀ | 2 0 | „ 27 fowls at 2/- | .. 2 0 6 | | |
| „ Interest on £1 15s. at | | „ Stock in hand | .. 3 15 0 | | |
| 5 ⁰ / ₀ for 6 months | .. 10 | | | | |
| „ Food | 2 7 3 | | | | |
| „ Balance, representing | | | | | |
| profit | 1 12 10 | | | | |
| | <u>£7 17 11</u> | | | <u>£7 17 11</u> | |

The above does not include any building, fencing, nor food that would be wasted if not utilised in this manner.

There is now sufficient refuse from garden and house to keep a pig in addition.

STABLE.

During the year I drew your attention to the very heavy expenses incurred in horse hire for ambulance duty, and strongly advised the purchase of a horse. This you did.

Subjoined is a table for six months, a perusal of which will show great saving effected. You will notice I give the horse no credit for gravel carting or for numerous journeys made to Watford on other than ambulance duty.

| DEBIT. | | £ | s. | d. | £ | s. | d. |
|-----------|-------------------------------------|----|----|----|-----|----|----|
| July 1.. | To Corn in Stock | 1 | 11 | 8 | | | |
| " 18.. | " Corn, Straw, Oats | 2 | 8 | 2 | | | |
| Aug. 29.. | " Chaff | 11 | 0 | | | | |
| Sep. 31.. | " Ditto | 10 | 0 | | | | |
| Oct. 24.. | " Hay, Straw, &c. | 3 | 0 | 0 | | | |
| Nov. 21.. | " Chaff | 11 | 0 | | | | |
| Dec. 19.. | " Hay, Straw, &c. | 1 | 17 | 0 | | | |
| | | | | | 9 | 8 | 10 |
| | Wilson, Repairs to Harness | 4 | 6 | | 4 | 6 | |
| | Harness Paste .. | 5 | 0 | | | | |
| | Carriage Candles | 2 | 0 | | 7 | 0 | |
| | Lines, Farrier .. | 1 | 17 | 0 | 1 | 17 | 0 |
| | To Man's time at 1/- per diem .. | 9 | 2 | 0 | 9 | 2 | 0 |
| | To Interest on outlay at 5% .. | 15 | 0 | | | | |
| | To Depreciation.. | 1 | 10 | 0 | 2 | 5 | 0 |
| | To Balance, Profit | | | | 5 | 5 | 8 |
| | | | | | £28 | 10 | 0 |

| CREDIT. | | £ | s. | d. | £ | s. | d. |
|----------|-----------------------------|------|----|----|-----|----|----|
| July.. | To 12 Urban Journeys at 5/- | 3 | 0 | 0 | | | |
| " .. | " 4 Rural | 10/- | 2 | 0 | 5 | 0 | 0 |
| Aug... " | " 8 Urban | 5/- | 2 | 0 | 0 | | |
| " .. | " 8 Rural | 10/- | 4 | 0 | 6 | 0 | 0 |
| Sep... " | " 6 Urban | 5/- | 1 | 10 | 0 | | |
| " .. | " 10 Rural | 10/- | 5 | 0 | 6 | 10 | 0 |
| Oct... " | " 5 Urban | 5/- | 1 | 5 | 0 | | |
| " .. | " 6 Rural | 10/- | 3 | 0 | 4 | 5 | 0 |
| Nov... " | " 3 Urban | 5/- | 15 | 0 | | | |
| " .. | " 6 Rural | 10/- | 3 | 0 | 3 | 15 | 0 |
| Dec... " | " 6 Urban | 5/- | 1 | 10 | 0 | | |
| " .. | " 3 Rural | 10/- | 1 | 10 | 3 | 0 | 0 |
| | | | | | £28 | 10 | 0 |

The dog-cart you bought has been of great service. A farm cart is also badly required.

TELEPHONE.

The Telephone has been found of great use. Apart from its great convenience—it being possible to telephone orders to tradesmen, etc. I believe it has been the means of saving, at least one life. For through its agency it was possible to perform Tracheotomy on a child admitted at 3.0 a.m., almost in extremis—within ten minutes of its reaching the Hospital.

Apart from this all portorage for telegrams is saved, as they are now telephoned down instead of being forwarded by hand, *i.e.*, 1s. on each telegram.

LETTER BOX.

I am pleased to say the Postal Authorities have consented to erect a letter box in the Hospital wall. This will be a great convenience.

PATIENTS.

On January 1st, 1896, there were 15 patients in Hospital,—14 scarlatina and 1 diphtheria. 127 fresh cases were admitted during the year—Urban, 57; Rural, 68; Hospital, 1; outside district, 1—22 of these were admitted into the old hospital buildings; 7 of these, who were in hospital at the time of removal, were transferred to the new buildings.

SCARLATINA.

14 cases in hospital on January 1st; of these one child æt 4 died, on January 29th, of what appeared to be Diphtheria. A Cultivation from the throat of this case was bacteriologically examined, but no diphtheric bacilli isolated.

67 fresh cases admitted, one of which occurred in hospital.

There have been no deaths from this disease since we entered the new hospital.

3 cases were admitted desquamating.

One case on admission was found to be suffering from puerperal fever.

TABLE
Shewing dates Scarlatina cases admitted.

| MONTH. | | URBAN. | | RURAL. | |
|-----------|----|--------|----|--------|------|
| January | .. | 0 | .. | 1 | } 6 |
| February | .. | 4 | .. | 0 | |
| March | .. | 0 | .. | 1 | |
| April | .. | 1 | .. | 1 | } 14 |
| May | .. | 1 | .. | 3 | |
| June | .. | 3 | .. | 5 | |
| July | .. | 2 | .. | 2 | } 22 |
| August | .. | 4 | .. | 5 | |
| September | .. | 5 | .. | 4 | |
| October | .. | 3 | .. | *5 | } 16 |
| November | .. | 2 | .. | 1 | |
| December | .. | 3 | .. | 2 | |

* Includes case occurring in hospital.

DIPHTHERIA.

On January 1st there was one case of this disease in hospital, a child æt 6, on whom it had been necessary to perform tracheotomy 10 days previously. She was doing well, but died suddenly from paralysis of the heart on January 2nd.

Of the 53 cases admitted during the year 4 died, the cause of death in each case being heart failure.

In 6 cases it was necessary to perform tracheotomy. The ages of these cases : 15 months, 2 years, 3, 4, and two 5 years of age.

Antitoxine was given in 25 cases.

The Antoxine serum employed is that prepared by Messrs. Burroughs, Wellcome & Co.

TABLE

Shewing dates Diphtheria cases were admitted.

| MONTH. | | URBAN. | | RURAL. | |
|-----------|----|--------|----|--------|------|
| January | .. | 2 | .. | 4 | } 15 |
| February | .. | 0 | .. | 2 | |
| March | .. | 2 | .. | 5 | |
| April | .. | 0 | .. | 3 | } 11 |
| May | .. | 1 | .. | 3 | |
| June | .. | 1 | .. | 3 | |
| July | .. | 1 | .. | 1 | } 12 |
| August | .. | 2 | .. | 2 | |
| September | .. | 0 | .. | 6 | |
| October | .. | 2 | .. | 2 | } 15 |
| November | .. | 2 | .. | 5 | |
| December | .. | 3 | .. | 1 | |

ENTERIC FEVER.

7 cases admitted ; one death, a very bad case, complicated with peritonitis and convulsions.

Subjoined are tables giving dates, incidence of age and district of various cases admitted, a glance at which will show the large number of diphtheritic cases admitted from Aldenham, and the large proportion of cases under 10 years of age.

CASES ADMITTED INTO HOSPITAL, 1896.

Abbreviation—A. for Antitoxin.

| Date. | Name. | Age. | Scarlatina. | Diphtheria. | District. | Remarks. |
|--------|------------------------|------|---------------|-------------|------------------|---|
| Jan. 4 | *Olive Compton ... | 5 | | D | Callow Land ... | A. |
| „ 9 | *Catherine Luty... 18 | | | D | Bushey Heath... | Slight case. |
| „ 13 | William Lewis ... 10 | | | D | Rickmansworth | A. Malignant case. Endocarditis. |
| „ 20 | Walter Rosson †... 4 | | | D | Bushey Heath ... | A. Heart failure. Endocarditis. Jaundice |
| „ 25 | *Nellie Luckett †... 5 | | | D | Watford Fields | Died Jan. 30. A. Malignant case. Tracheotomy. Death 9 hrs. after. Membranous exudation into Trachœa |
| „ „ | Albert Grey..... 7 | | | D | Aldenham | A. Malignant case. severe Albumen enuria. |
| „ „ | Minnie Adams ... 21 | | S | | Bushey..... | |
| Feb. 2 | Rose Dobbs..... 11 | | | D | Rickmansworth | A. Before admission. Malignant case. |
| „ 11 | Florence Scadden 9 | | | D | Aldenham | A. Urticaria. 13th day. |
| „ 13 | Edith Barham ... 6 | | S | | Abbots Langley | |
| „ 15 | *Alfred Baxter..... 9 | | S | | Bushey (Urban) | |
| „ „ | *Albert Baxter..... 5 | | S | | „ „ | |
| „ „ | *Maud Baxter 11 | | S | | „ „ | |
| „ 19 | *William Hern..... 28 | | S | | „ „ | |
| „ „ | *Helen Glenister... 11 | | Enteric Fever | | „ „ | |
| Mar. 5 | Marjory Wood †... 3 | | | D | Bushey..... | A. Malignant case. Died March 10th. Copious discharge from mouth, nose and ear |
| „ 20 | Edward Scott 4½ | | | D | Aldenham | |
| „ 25 | Mabel Mansfield... 5 | | | D | „ | |
| „ 27 | Arthur Mansfield. 3 | | | D | „ | A. Tracheotomy. April 4th. |
| „ 28 | *Grace Travers ... 20 | | | D | Watford | A. Malignant case. Urticaria. |
| „ 30 | *Fred Halsey 8 | | | D | „ | A. Isolated April 25th.† |
| „ 31 | Helen Yarrington. 7 | | | D | Aldenham | |

Total for Quarter—Urban : Enteric Fever, 1 ; Scarlatina, 4 ; Diphtheria, 4.

„ Rural : Scarlatina, 2 ; Diphtheria, 11.

Deaths—Rural : Scarlatina, 1 ; Diphtheria, 3.

„ Urban : Diphtheria, 1.

Total. 22.

* Asterisk denotes Urban Cases. † Denotes Death.

† The Antitoxine Rash in this case so resembled that of Scarlatina that he was isolated for 3 weeks. No desquamation followed.

Cases admitted into Hospital, 1896.—(Continued.)

| Date. | Name. | Age | Scarlatina. | Diphtheria | District. | Remarks. |
|--------|-------------------|-----|-------------|------------|---------------|---|
| Apl. 5 | George Yarrington | 5 | | D | Aldenham .. | |
| „ 9 | Arthur Barham | 5 | S | | Abb'ts Lang'y | |
| „ 10 | Arthur Lee .. | 12 | | D | „ | Acute Rheumatism Endocarditis. |
| „ 17 | Helen Joyner .. | 5 | | D | Aldenham .. | |
| „ 21 | *Walter Good .. | 5 | S | | Watford .. | |
| May 2 | Margaret Wilson | 14 | Enteric | | Rickm'nsw'th | |
| „ 2 | Janet Munt .. | 6 | S | | Abb'ts Lang'y | |
| „ 6 | Doroth Kenagham | 3 | S | | „ | |
| „ 8 | Charles Joyner .. | 14m | | D | Aldenham .. | |
| „ 10 | *Leslie Ravenhill | 6 | S | | Watford .. | |
| „ 14 | *William Judge .. | 11 | | D | „ | |
| „ „ | Sarah Holman .. | 25 | Enteric | | Bushey H'th | |
| „ 28 | Annie Marton .. | 15 | S | | Abb'ts Lang'y | |
| „ 31 | Henry Warby .. | 10 | | D | Aldenham | A. |
| „ „ | Ernest Warby .. | 7 | | D | „ | A. Heart. |
| June 1 | *Ada King .. | 22 | S | | Watford .. | |
| „ 6 | Eliza R. Diaper.. | 10 | S | | Bedmond .. | |
| „ „ | Emily Martin .. | 17 | S | | Abb'ts Lang'y | Acute Rheumatism. |
| „ 11 | Robert Ronalds .. | 5 | S | | Rickm'nsw'th | |
| „ „ | Annie Ronalds .. | 2½ | S | | „ | |
| „ „ | *Annie Wilson .. | 13 | | D | Callow Land.. | |
| „ 15 | *Kathleen Parsons | 1½ | S | | BusheyUrban | |
| „ 21 | †Eliza Warby .. | 12 | | D | Aldenham .. | Nasal Discharge. Vermes. Died of Paralysis of the heart, July 7 |
| „ 22 | Lilie Rudd .. | 23 | S | | Bushey .. | Desquamating when admitted |
| „ 23 | Winifrid Fortnum | 5 | | D | Aldenham .. | |
| „ 26 | Louisa Warby .. | 10 | | D | „ | A. |
| „ 28 | *Nellie Barnes .. | 10 | S | | Watford .. | |

Total for Quarter—Urban : Scarlatina, 5 ; Diphtheria, 2.

„ „ Rural : Enteric Fever 2 ; Scarlatina, 9 ; Diphtheria, 9.

Deaths—Rural, Diphtheria, 1.

Total 27.

* Asterisk denotes Urban Cases. † Denotes Death.

Cases admitted into Hospital, 1896.—(Continued.)

| Date. | Name. | Age | Scarlatina. | Diphtheria | District. | Remarks. |
|--------|---------------------|-----|-----------------|-------------|---------------------------|--|
| July 1 | *Ernest Parsons .. | 10 | S | | Watford .. | |
| " 7 | *Helen Hunt .. | 6 | S | | Bushey Urban | |
| " 10 | †George Ellis .. | 35 | Ent Fe | eric ver | Bricket Wood | Outside District. Death. Died July 20th, Peri- tonitis, convulsns |
| " 16 | *Frank Jeffs .. | 19 | | D | Bushey Urban | |
| " " | Albert Warby .. | 7 | | D | Aldenham .. | A. |
| " 19 | *Mary Healey .. | 7 | S | | Bushey Urban | |
| " 22 | *Leonard Cottron .. | 4½ | S | | " | |
| " 24 | *Amy Edmonds .. | 5½ | S | | " | |
| " " | *Mary Shepperd .. | 10 | S | | " | |
| " 25 | Alice Hunt .. | 8 | S | | Bushey Rural | |
| " 25 | Ada Eldred .. | 8½ | S | | " | Slight nasal dis- charge. |
| " 27 | *Thomas Jackman | 13¼ | S | | Bushey Urban | |
| " 27 | *Gertrude Ashby.. | 7 | S | | " | Admitted desqua- mating. |
| " 28 | *Daisy Rackman .. | 6 | S | | " | |
| " 29 | *Alice Holt .. | 6 | S | | " | Otorrhœa and nasal discharge. |
| " 31 | *Mabel Bromish .. | 7 | S | | " | |
| Aug. 3 | Maria Diaper .. | 2½ | S | | Bedmond .. | Necrosis of right forefinger, nasal discharge.† |
| " 4 | *Minnie Rolph .. | 23 | | D | Bushey .. | |
| " " | Ethel Appleton .. | 2½ | S | | Bushey Rural | Nasal discharge |
| " " | Simon Diaper .. | 7 | S | | Bedmond .. | Convalescent from Rheumatic fever when ad- mitted, Endo- cardis. |
| " 5 | *William Rolph .. | 1 | | D | Bushey Urban | |
| " 6 | *Adelaide Whitely | 5 | S | | " | |
| " 7 | *Sydney Collier .. | 7 | S | | " | Endocardis— severe case. |
| " " | *Edith Winfield .. | 5 | S | | " | |
| " 14 | Mary Diaper .. | 7 | S | | Bedmond .. | |
| " 15 | George Pearce .. | 10 | S | | Bushey Heath | |
| " 24 | *Charlotte Colley.. | 23 | Ent Fe | eric ver | Wiggenhall, Watford .. | |
| " 24 | Augusta Williams | 24 | | D | Rickm'nsw'th | |
| " 26 | Fanny Barton .. | 30 | Ent Fe | eric ver | " | |
| " 28 | *Elizabeth Honour | 12 | S | | Watford .. | Second attack 24 days after ad- mission. |
| " 29 | Alice Stevens .. | 8 | | D | Rickm'nsw'th | |
| " 30 | *Catherine Honour | 31 | Puer- peral. | | Watford .. | |

* Asterisk denotes Urban Cases. † Denotes Death.

† This Child remained in Hospital 175 days before this discharge was cured.

Cases admitted into Hospital, 1896.—(Continued.)

| Date. | Name. | Age | Scarlatina. | Diphtheria | Districts. | Remarks. |
|---------|-------------------|-----|---------------|------------|---------------|---------------------------------------|
| Sept. 2 | *Edith Page .. | 29 | S | | Bushey Urban | |
| „ 6 | Ivy Darvill .. | 4½ | | D | Rickm'nsw'th | A. Malignant case. Nasal & Laryngeal. |
| „ 7 | Vincent Scully .. | 11 | | D | „ | |
| „ 8 | *William Hughes.. | 6 | S | | Watford .. | |
| „ 11 | Cassy Turpin .. | 10 | | D | Aldenhams .. | A. Malignant case |
| „ 11 | *John Sygrove .. | 41 | S | | Bushey Urban | |
| „ 14 | Florence Clark .. | 16 | | D | Ltchmre.Hth. | A. Endocardis. |
| „ 15 | Bessie Fortnum.. | 2½ | | D | Aldenhams .. | A. |
| „ 18 | Mabel Cowper .. | 11 | S | | Abb'ts Lang'y | |
| „ „ | Beatrice Kemp .. | 4 | S | | Aldenhams .. | |
| „ 21 | Willie Winbush .. | 2½ | | D | Rickm'nsw'th | Bacillus not isolated |
| „ 21 | Dorothy Batchelor | 7 | S | | „ | |
| „ 24 | Arthur Cowper .. | 7 | S | | Abb'ts Lang'y | Severe case, desquamated in flakes. |
| „ „ | *Maria Fawcett .. | 14 | S | | Bushey Urban | |
| „ 26 | *Arthur Godman.. | 17 | S | | Watford .. | Admitted desquamating. |
| „ 27 | *Clara Hiscock .. | 30 | Enteric Fever | | Bushey Urban | |

Total for Quarter—Urban: Scarlatina, 19; Diphtheria, 3; Enteric, 3;

Puerperal, 1.

„ „ Rural: Scarlatina, 11; Diphtheria, 9; Enteric, 1.

Deaths from outside District, 1.

Total, 47.

* Asterisk denotes Urban Cases.

† Denotes Death.

Cases admitted into Hospital, 1896.—(Continued.)

| Date. | Name. | Age. | Scarlatina. | Diphtheria. | District. | Remarks. |
|--------|---------------------|------|-------------|-------------|---------------|--|
| Oct. 1 | Grace Page .. | 8 | S | | Radlett | |
| „ „ | *Edrick Fawcett .. | 12 | S | | Bushey Urban | |
| „ „ | May Mainwood .. | 6 | S | | Abb'ts Lang'y | |
| „ 7 | *Vincent Fawcett .. | 6 | S | | Bushey Urban | |
| „ 12 | Daisy Cox .. | 6 | S | | Aldenham .. | Rheumatism Endocarditis. |
| „ 17 | Percy Gristwood .. | 1½ | | D | Rickm'nsw'th | A. Tracheotomy, 6 hours after ad- mission. Bad case Nasal & Laryn- geal, Urticaria. |
| „ 19 | *Gertrude Sawkins | 5 | S | | Bushey Urban | |
| „ 20 | Reuben Ryder .. | 6 | | D | Chorleywood . | A. Nasal & Laryn- geal discharge. Admitted in ex- tremis Tracheo- tomy 15 mins. after admission |
| „ 22 | Sarah Cox .. | 10 | S | | Aldenham .. | Urticaria, Vermes |
| „ „ | *Tabitha Prince .. | 5 | | D | Watford .. | A. Found to be desquamating 4 weeks after ad- mission. |
| „ 26 | *Nurse Brazendale | | S | | In Hospital | |
| „ 29 | *Ada Wright .. | 5 | | D | Bushey Urban | |
| Nov. 2 | *Lily Hodges .. | 3 | S | | Watford | |
| „ 5 | *Jessie Paul .. | 2¾ | | D | Bushey Urban | A. Tracheotomy |
| „ 7 | Olive Fortnum .. | 2¾ | | D | Aldenham .. | 1 hour after ad- mission. |
| „ 14 | Rupert Ibbotson .. | 6½ | | D | Rickm'nsw'th | A. Developed Scarlatina Rash Dec. 3. |
| „ „ | Gladys Turpin .. | 6 | | D | Aldenham .. | A. „ |
| „ „ | *Clara Franklin .. | 6 | | D | Watford .. | A. „ |
| „ 17 | Edward Brown .. | 15 | | D | Rickm'nsw'th | |
| „ 19 | Alan Ibbotson .. | 7 | S | D | „ | |
| „ 27 | *Charles Read .. | 7 | S | | Bushey Urban | Abscess of Neck. |
| „ 28 | Basil Eldred .. | 6 | | | Bushey Rural | |
| Dec. 2 | *Violet Elsdon .. | 3 | S | D | Watford .. | A. Tracheotomy. |
| „ | *Dennis Wheeler .. | 15 | S | | „ | |
| „ „ | *May Godman .. | 6 | | | „ | |
| „ 9 | *Constance Sayres | 5 | S | D | Callow Land . | |
| „ 13 | Hubert Eldred .. | 3 | S | | Bushey Rural | |
| „ 17 | *Clara Godman .. | 19 | S | | Watford .. | |
| „ 18 | A. Humphreys .. | 7 | | | Aldenham .. | |
| „ 24 | Maude Clarke .. | 6 | | D | „ | A. |
| „ 31 | *Gertrude Payne .. | 5 | | D | Bushey Urban | A. Heart. |

* Asterisk denotes Urban Cases. † Denotes Death.

Total for Quarter Urban—Scarlatina, 8; Diphtheria, 7.

„ „ „ Rural—Scarlatina, 7; Diphtheria, 8.

One Case in Hospital.

Total, 31.

TABLE

Showing District from which Patients were admitted.

| District. | | Population. | Scarlatina. | Diphtheria | Enteric. | Puerperal. |
|-----------|---------------------|-------------|-------------|------------|----------|------------|
| WATFORD | Old Town..... | 17,730 | 12 | 6 | 1 | 1 |
| | Callow Land | 2,980 | | 4 | | |
| | Bushey..... | 3,290 | 25 | 6 | 2 | |
| | Watford Rural | 2,304 | | | | |
| | Bushey Rural..... | 3,797 | 8 | 3 | 1 | |
| | Aldenham | 2,195 | 4 | 21 | | |
| | Radlett | | 1 | | | |
| | Abbots Langley | 3,363 | 9 | 1 | | |
| | Bedmond | | 4 | | | |
| | Chorleywood | 7,919 | 3 | 1 | 2 | |
| | Rickmansworth .. | | | 11 | | |
| | Sarratt | 712 | | | | |

NOTES.—On October 25th, your Charge Nurse, Miss Brazendale, was taken ill with Scarlatina. I am pleased to say she made a good recovery, being able to return to work. on December 24th.

This is the first instance, so far, of any serious illness amongst your staff.

The average length of stay in Hospital was :

Scarlatina 60·05 days.

Diphtheria 27·09 „

Enteric 48·40 „

This calculation was based on the six months ending September 30th, excluding fatal cases.

TABLE
Shewing Incidence of Age of Cases admitted.

| AGE. | SCARLATINA. | DIPHThERIA. | ENTERIC. |
|-------------------|-------------|-------------|----------|
| Under 1 year. | | | |
| 1—5 | 10 | 13 | |
| 5—10 | 34 | 23 | |
| 10—15 | 11 | 10 | 2 |
| 15—20 | 5 | 4 | |
| 20—25 | 3 | 3 | 1 |
| 25—30 | 3 | | 1 |
| 30—35 | | | 2 |
| 35—40 | | | 1 |
| 40—45 | 1 | | |
| Total All Ages | 67 | 53 | 7 |

NOTE.—One Case Puerperal Fever admitted, aged 31.

EXPENDITURE.

| WEEK | MICHAEL- MAS QUARTER. PROV. | | CLOTHING. | | FURNITURE AND PROPERTY. | | NECES- SARIES. | | REPAIRS. | | MEDICAL NECES- SARIES. | | COAL. | | NUMBER IN HOSPITAL. PATIENTS. + STAFF. (INDOOR.) | | WAGES. * | |
|-------|--------------------------------------|-------|-----------|---------|-------------------------------|--------|-------------------|-------|----------|---------|------------------------------|-------|--------------|-------|---|----|-------------|-------|
| | £ | s. d. | £ | s. d. | £ | s. d. | £ | s. d. | £ | s. d. | £ | s. d. | £ | s. d. | | | £ | s. d. |
| 1 | 8 | 8 1½ | .. | .. | .. | 4 8 | 2 17 6 | .. | .. | .. | .. | .. | .. | .. | 18·571 | 11 | 6 | 0 2 |
| 2 | 5 | 9 11½ | .. | 9 9 | 9 9 | 2 10 | .. | 2 0 | .. | .. | 2 0 | .. | .. | .. | 14·857 | 11 | 6 | 5 2 |
| 3 | 6 | 14 2½ | .. | 6 0 | 6 0 | 5 8 | .. | 9 7 | .. | .. | 9 7 | .. | .. | .. | 16·857 | 11 | 6 | 5 2 |
| 4 | 8 | 19 1¾ | 6 17 0 | 4 18 6 | 3 1 0 | 3 1 0 | .. | .. | .. | .. | .. | .. | .. | .. | 19 | 11 | 6 | 5 2 |
| 5 | 7 | 8 4½ | 9 10 | 21 0 7 | 12 0 | 12 0 | 1 1 0 | .. | 1 1 0 | .. | .. | .. | .. | .. | 16·714 | 11 | 6 | 5 2 |
| 6 | 7 | 1 8½ | 15 5 0 | 2 0 | 17 10½ | 17 10½ | 5 10 | .. | 5 10 | .. | .. | .. | .. | .. | 19·428 | 11 | 6 | 5 2 |
| 7 | 7 | 1 5½ | .. | 1 9 3 | .. | .. | 9 | 3 0 | 9 | 3 0 | 3 0 | .. | 9 8 4 | .. | 22·857 | 11 | 6 | 5 2 |
| 8 | 8 | 6 5½ | 1 3 0 | .. | 4 0 | 4 0 | 1 9½ | 9 8 | 1 9½ | *14 9 0 | 9 8 | .. | *14 9 0 | .. | 23 | 11 | 6 | 5 2 |
| 9 | 8 | 5 1 | .. | 4 4 1 | .. | .. | 14 3 | 3 4 | 14 3 | .. | 3 4 | .. | .. | .. | 22·142 | 11 | 6 | 5 2 |
| 10 | 6 | 0 9½ | 15 3 | 4 11 | 18 9 | 18 9 | .. | 1 8 | .. | .. | 1 8 | .. | .. | .. | 25·428 | 11 | 6 | 5 2 |
| 11 | 7 | 13 2 | 3 1 4 | 5 9 9½ | 1 10 0 | 1 10 0 | .. | 6 3 | .. | .. | 6 3 | .. | .. | .. | 26·142 | 11 | 6 | 5 2 |
| 12 | 11 | 3 6½ | 7 2 | 6 1 | 12 10 | 12 10 | .. | 7 7 | .. | .. | 7 7 | .. | .. | .. | 25·284 | 11 | 6 | 5 2 |
| 13 | 11 | 7 5½ | .. | 12 8 | .. | .. | 1 18 0 | 3 5 | 1 18 0 | .. | 3 5 | .. | 1 1 0 | .. | 28·571 | 11 | 6 | 5 2 |
| Total | 103 | 19 4½ | 27 18 7 | 39 3 7½ | 8 9 5½ | 8 9 5½ | 4 19 1½ | 2 6 6 | 4 19 1½ | 24 18 4 | 2 6 6 | .. | *Steam Coal. | .. | .. | .. | 81 | 2 2 |
| A | 3 | 0 8½ | | | | | | | | | | | | | | | | |
| B | 7 | 1 9½ | | | | | | | | | | | | | | | | |
| | 99 | 18 3¾ | | | | | | | | | | | | | | | | |

The Salaries of Medical Superintendent and Clerk not included in this Statement.

* Including Outdoor Servants. | + Calculation based on number of Diets entered.

| WEEK | CHRISTMAS QUARTER. PROVISIONS | CLOTHING. | FURNITURE AND PROPERTY. | NECES- SARIES. | REPAIRS. | MEDICAL NECES- SARIES. | COAL. | NUMBER IN. | | WAGES. |
|-------|-------------------------------------|----------------|-------------------------------|-------------------|----------------|------------------------------|-------------------|------------|---------------------|------------------|
| | | | | | | | | PATIENTS. | STAFF. (INDOOR.) | |
| 1 | £ s. d. 7 0 6½ | £ s. d. ... | £ s. d. 4 9 | £ s. d. 2 2 0 | £ s. d. 9 0 | £ s. d. 5 0 | £ s. d. 8 16 8 | 29·142 | 11 | £ s. d. 6 6 0 |
| 2 | 12 18 6¾ | 12 9 | | | | | | 21·571 | 11 | 6 6 0 |
| 3 | 4 19 4 | ... | ... | ... | ... | 3 0 | | 19·714 | 11 | 6 6 0 |
| 4 | 8 13 10¾ | 1 2 6 | 6 13 0 | 5 4 10 | 8 6 | 3 18 3 | 7 8 9 | 20·857 | 11 | 6 6 0 |
| 5 | 4 15 9½ | ... | ... | 1 4 0 | | | | 21·857 | 10 | 6 6 0 |
| 6 | 6 7 8½ | ... | ... | 9 0 | ... | ... | 7 1 3 | 22·285 | 10 | 6 6 0 |
| 7 | 8 0 7¾ | ... | 1 9 2 | 3 15 0 | 5 0 10 | 5 0 | | 23·285 | 10·571 | 6 7 6 |
| 8 | 6 13 11¼ | 7 18 8½ | 2 16 7½ | 10 0 | 1 4 6 | 5 6 | 10 9 3 | 23·142 | 11 | 6 10 6 |
| 9 | 8 4 5½ | 10 7 | ... | 14 4 | | | | 20·857 | 11 | 6 10 6 |
| 10 | 9 14 7 | ... | 6 11 | 1 12 3 | | | | 21·857 | 11·714 | 8 15 4 |
| 11 | 6 8 5¼ | ... | ... | ... | ... | ... | 11 1 4 | 23·000 | 12 | 11 2 6 |
| 12 | 12 8 5¾ | 10 17 9½ | 25 11 9½ | ... | 6 | 15 0 | | 21·571 | 12 | 9 12 6 |
| 13 | 11 4 7 | ... | 5 9 4 | 3 9 9 | | | | 20·428 | 12·285 | 9 12 6 |
| Total | 107 10 10¾ | 21 2 4 | 42 11 7 | 30 2 6 | 7 3 4 | 5 11 9 | 44 17 3 | | | 96 17 4 |
| A | 7 1 9 | ... | ... | 4 16 0½ | | | | | | |
| B | 10 5 5 | ... | 10 0 0 | 11 1 4 | | | | | | |
| | 104 7 3 | ... | 32 11 7 | 14 5 1½ | | | | | | |

NOTE.—Table Linen, Towelling, Bed Linen, are entered as Furniture and Property. Each block required properly fitting out with these.
A Brought forward from preceding Quarter. B In store at end of Quarter.

NOTE.—The Gas bill is not included in the above accounts, having been received too late for insertion.

The accounts are only given from July to December, as before that date they were not kept at the Hospital, the Clerk being responsible for them.

Wages heavy last 4 weeks Christmas quarter owing to two extra men being employed planting trees, &c., and also in the 11th week due to cleaning out of the sewage tank, which cost £2.

As far as possible all food is contracted for, and in other matters estimates are usually obtained.

The following are the contract prices of some of the food supplied to the Hospital:—

Meat (prime joints), 7d. per lb.
 Milk, 10½d. per gallon.
 Bread, 4¼d. per quartern.
 Coal, 18s. 10d. per ton., Ilkestone Main.
 18s. steam coal.

| <i>No. of Inmates.</i> | <i>Daily average.</i> | | |
|----------------------------|-----------------------|-----|--------|
| Michaelmas Qr.—Staff | ... | ... | 11·00 |
| Patients | ... | ... | 21·373 |
| Christmas Qr.—Staff | ... | ... | 11·153 |
| Patients | ... | ... | 22·087 |
| Total daily average, 32·8. | | | |

Cost of Provisions:—

| | £ | s. | d. |
|---|-----|----|------|
| Michaelmas Qr. | 99 | 18 | 3¼ |
| Christmas Qr. | 104 | 7 | 3 |
| Total cost of Provisions for six months | 204 | 5 | 6¾ |
| Daily cost per diem | 1 | 2 | 4·54 |
| Daily cost for food per diem per head | 0 | 0 | 8·18 |

N.B.—The Government Rations Scale allowed for Staff is—

| | s. | d. | |
|-------------|----|----|-------------------------|
| First Class | 14 | 6 | } per head per week. |
| Second „ | 10 | 6 | |
| Third „ | 8 | 6 | |
| Fourth „ | 7 | 6 | |

PATIENTS' DIETS.

Patients' Diets in use at Hospital with approximate cost.

- | | |
|-----------------------------|------|
| 1. Milk, 2 Quarts | (5½) |
| 2. Milk, 3 Pints | |
| Cooked Milk Pudding, 12 oz. | (7) |
| Bread, 8 oz. | |
| 3. Fish, uncooked, 8 oz. | |
| Potatoes, 4 oz. | |
| Bread, 16 oz. | |
| Butter, 1 oz. | (8) |
| or | |
| Dripping or Jam, 1½ oz. | |
| Tea, 2 pints | |
| Cooked Milk Pudding, 8 oz. | |
| 4. Chop, uncooked, 8 oz. | |
| Potatoes, 12 oz. | |
| Bread, 16 oz. | |
| Butter, 1½ oz. | |
| or | (8) |
| Dripping or Jam, 1½ oz. | |
| Tea, 2 pints | |
| Cocoa or | |
| Coffee or Milk, ½ pint | |
| Cooked Milk Pudding, 8 oz. | |
| 5. Meat, cooked, 6 oz. | |
| Potatoes, 12 oz. | |
| Bread, 16 oz. | |
| Butter, 1½ oz. | |
| or | |
| Dripping or Jam, 1½ oz. | (8) |
| Cheese, 1 oz. | |
| Tea, 2 pints. | |
| Cocoa, | |
| Coffee or Milk, ½ pint. | |
| Cooked Milk Pudding, 8 oz. | |

In calculating the Diets the following is charged daily per adult patient:—

| | | | |
|-------|----|----|---------|
| Milk | .. | .. | 1 pint. |
| Tea | .. | .. | ½ oz. |
| Sugar | .. | .. | 2 oz. |

For Diphtheria patients—

Diet No. 1 has in addition from
1 to 3 ozs. Liquor Carnis
(Caffyn).

Diet No. 5, 1 pint milk.

Figures in brackets represent approximate cost of the diet.

In Diphtheria, however,

No. 1 Diet costs from 1/- to 1/6.

No. 5 Diet, 9¼d.

NOTE.—Vegetables at discretion in 3, 4 and 5. All diets to be supplemented at discretion of Medical Officer.

*Date of
Appointment.*

STAFF.

| | |
|--|-------------|
| R. A. S. Leger, Medical Superintendent, £150 | Dec., 1893 |
| Miss Davidson, Matron, £60 | March, 1894 |
| „ Brazendale, Charge Nurse, £35 and Uniform | May, 1896 |
| „ S. Wood, 2nd year Probationer, £15 and Uniform | June, 1895 |
| „ E. Wood, ditto | Sept., 1895 |
| „ Lock, ditto | Nov., 1895 |
| „ Hawkins, ditto | „ 1895 |
| „ Sims, 1st year Probationer, £10 and Uniform | May, 1896 |
| „ Hales, ditto | Sept, 1896 |
| „ Jackson, ditto | Nov., 1896 |
| „ Nutter, ditto | Dec., 1896 |

SERVANTS.

Indoor :—Domestic Servants—Cook, £17 ; housemaid, £12 ; laundress, £17.

Outdoor :—Porter and Wife—£52 per annum, cottage, coal, gas, and vegetables.

Wife attends to gate and poultry.

Porter „ ambulance and general work of grounds.

Engineer, 25s. per week, attends to Engines, Machinery, and all repairs as far as possible.

All servants have (Women) 3 washing dresses } per
(Men) 3 „ suits } annum.

N.B.—In judging the size of the staff, the following facts must be remembered :—

1. The different diseases must be nursed separately.
2. No wards-maids are employed, all the cleaning of the Blocks being undertaken by the Nurses themselves.

Indoor servants only provided for Administrative Block and Laundry.

REGULATIONS FOR THE ADMISSION OF PATIENTS.

The Hospital is open, provided there is a room, to any rate-payer within the Watford Union area, who may be suffering from

Small Pox,
Scarlatina,
Diphtheria,
Enteric Fever,

or any other dangerous infectious disease, at the discretion of the Medical Officers of Health.

Any medical man practicing within the district who desires the immediate removal of a patient suffering from any of the above diseases should wire or telephone direct to the hospital, giving correct name, age, sex, disease and address of the patient.

Any expense incurred in this way should be added to the account of notification fees and sent to the Sanitary Authority at the end of the quarter.

Should a telephone or telegraphic message be sent (the cost of which will be refunded by the authority) a certificate should be written out containing the particulars enumerated above and left at the patient's house, to be given to the ambulance attendant when latter arrives. On receipt of the above particulars at the hospital either by hand, wire, or telephone, the ambulance is sent for the case as soon as possible.

The ambulance is well provided with hot bottles, blankets and all that is necessary, and beyond a night garment it is not necessary for the patient to be clothed.

In deference to the express wish of the Hospital Committee the antitoxine treatment is not given to patients without the sanction of their parents or guardians.

Accordingly, where the patient's own doctor does not follow the case, the ambulance nurse is instructed to present the subjoined schedule to the parents or guardian for signature.

ISOLATION HOSPITAL, WATFORD.

TO THE MEDICAL SUPERINTENDENT.

DEAR SIR,

Will you please undertake the treatment of my*.....

†.....

Administer Antitoxine, if you consider same of benefit; or perform Tracheotomy, should such an operation in your opinion be necessary.

(Signed).....

(Date).....

* Son or Daughter.

† Name.

Should it not be signed the medical superintendent will not give antitoxine nor will he perform any operation without first obtaining the parents sanction.

In diphtheria cases very often dangerous complications come on quite suddenly, and much precious time may be lost, or the patient may die before it is possible to communicate with the parents.

Under the circumstances it is always advisable to sign the paper.

FINIS.

In conclusion, I have not only to thank you all for the kind assistance you have given me in the past year, but also my staff, who, one and all, have carried on their duties with hearty zeal, and rendered my work one of pleasure.

I am, Gentlemen,

Your obedient Servant,

ROBERT A. ST. LEGER.

